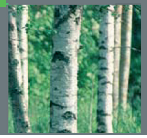
ARITERM

For a sustainable future

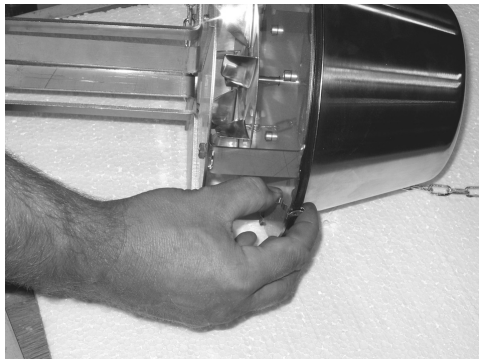
INSTALLATION MANUAL

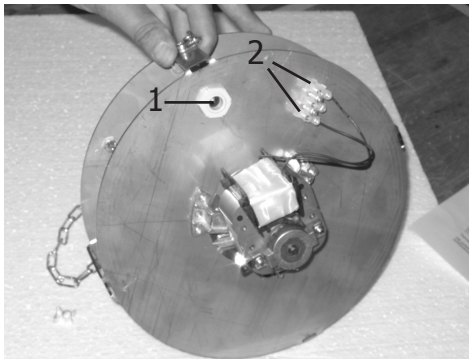
PXSF



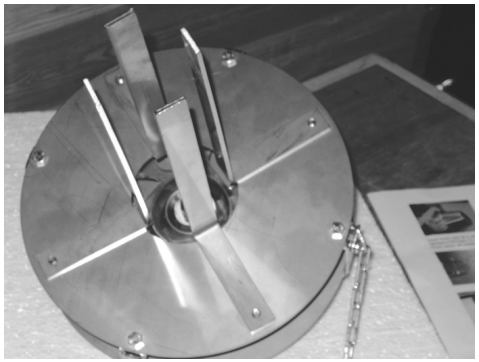
kmp

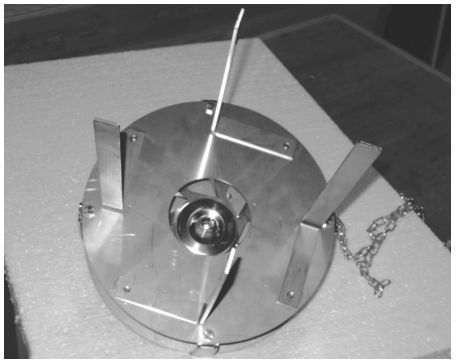
Installation



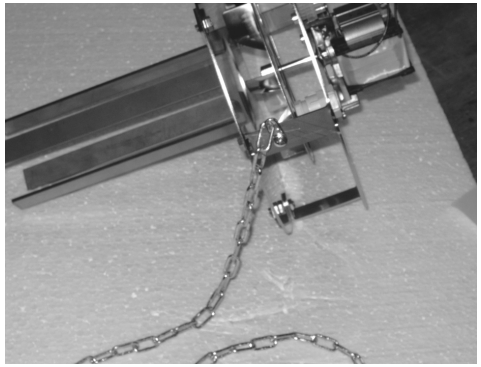


Remove the cover by unscrewing the clips, see picture. Pull a 2-pole cable through the conduit entry (1) and attach it to the connector (2). Refit the cover and fixate the cable so that it cannot touch the fan wheel.





Adjust the long brackets to fit inside the chimney shaft
Fastening is by means of four M6 thread screws.



The fan capacity is adjusted by turning the knob on the voltage regulator at the transformer, which means no mechanical adjustment is needed. Attach the chain to the chimney, the excess length allowing the fan unit to be lifted out of the chimney without straining the electric cable.

Electrical connection

CAUTION!
Make sure the stove or burner is dead by unplugging the power cord or unscrewing the fuse before commencing any electrical work.

Stove

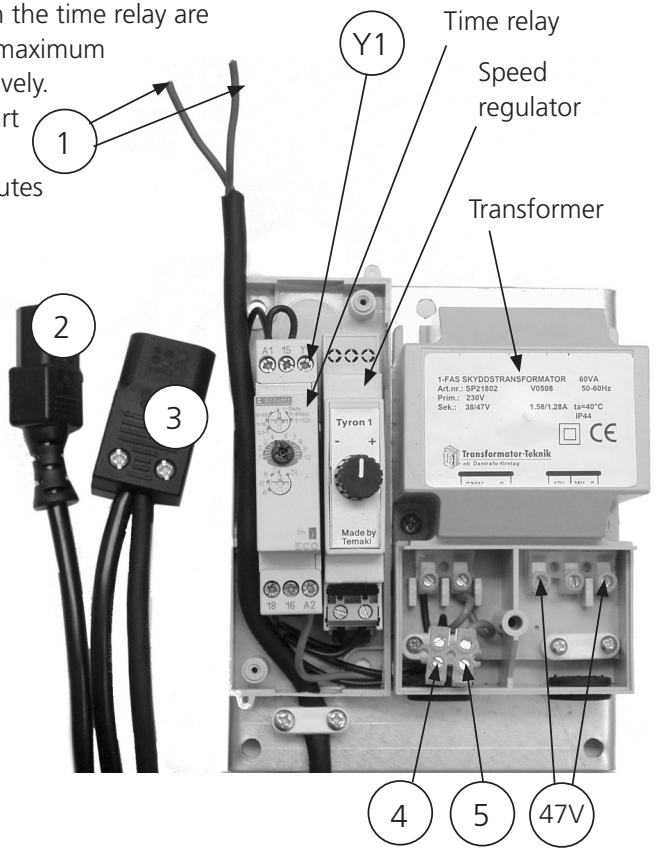
- Attach the cable from the fan to the connector (47 V).
- Attach the black short wire one end to (L), other end to the power cord connector inside stove beside the brown wire.
- Attach the blue short wire one end to (N), other end to the power cord connector inside stove.
- Attach the white wire one end to (Y1), other end to pole number 7 on the 7-pole connector on the control card (in parallel with the existing white wire).

Burner

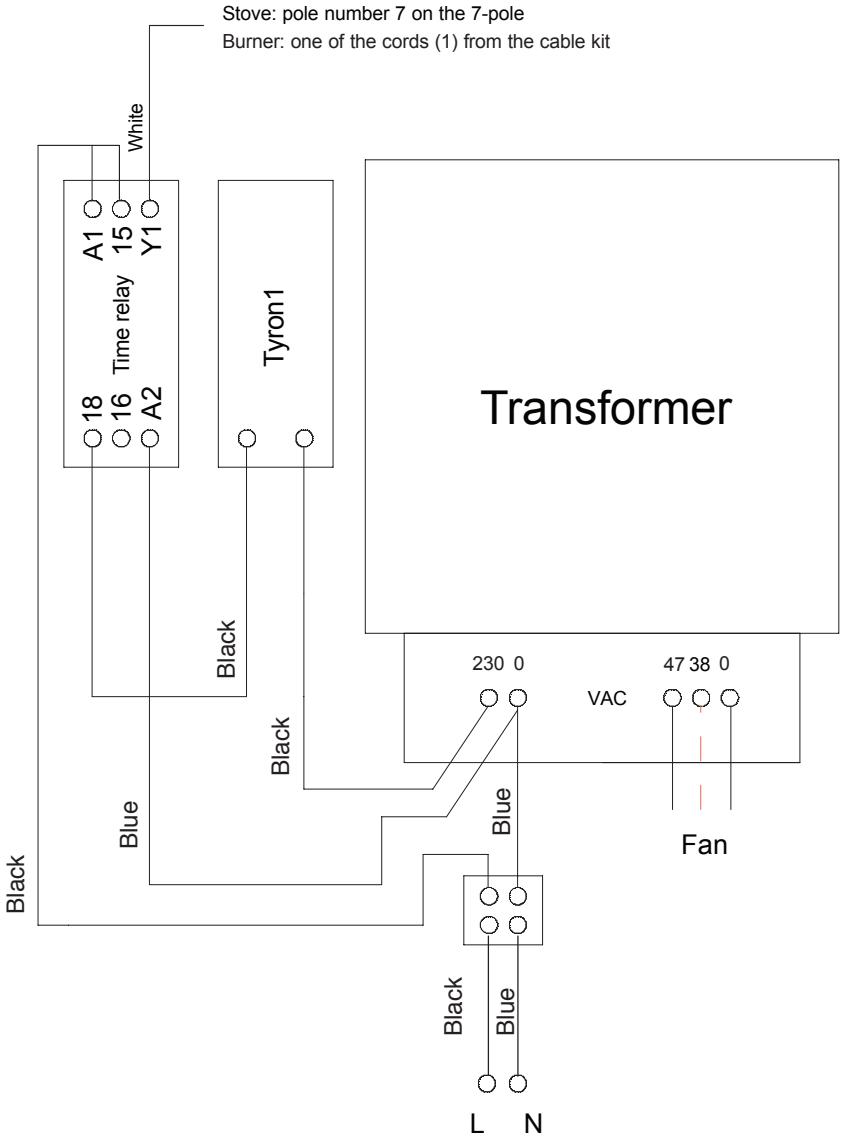
- Attach the cable from the fan to the connector (47 V).
- Attach the 230 VAC mains power supply to (L) and (N).
- Attach the plug (2) to the feeder motor.
- Attach the plug (3) to the burner left side.
- Attach one of the cords (1) from the cable kit (Y1).

NOTE!
if the fan starts when the burner is in OFF position, switch to the other wire in cable (1). The fan should start only when the pellet feeder starts.

Make sure the switches on the time relay are in position 1-10 minutes, maximum (clockwise) and C, respectively. This means the fan will start when the pellet feeder starts, and it stops 10 minutes after the last pellet feed.



Circuit diagram



If these instructions are not followed during installation, operation and maintenance, the obligations of Ariterm Sweden AB under the warranty regulations are no longer binding. Ariterm reserve the right to alter any details and specifications without prior notice.

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